

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|-------------------------------------|---|------------------|---------|------------------|
| L24 | 21 | compar\$5 with "cluster identifier" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/06 18:26 |
| L25 | 12387 | (707/3,5,6,10,102).CCLS. | USPAT; USOCR | OR | OFF | 2007/12/06 18:20 |
| L26 | 2 | 24 and 25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/06 18:20 |
| L41 | 4 | pugh-william.inv. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/06 18:59 |
| L42 | 11 | henzinger-monika.inv. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/06 18:59 |

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|---|------------------|---------|------------------|
| L24 | 21 | compar\$5 with "cluster identifier" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/06 18:26 |
| L25 | 12387 | (707/3,5,6,10,102).CCLS. | USPAT; USOCR | OR | OFF | 2007/12/06 18:20 |
| L26 | 2 | 24 and 25 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2007/12/06 18:20 |
| S1 | 332 | (plurality with records) and (document with identifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/09 11:37 |
| S2 | 44 | S1 and (hash with function) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/09 11:37 |
| S3 | 39 | S2 and (document with (content or element or part)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/09 11:44 |
| S4 | 25 | S3 and (field with identifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/09 11:46 |
| S5 | 2 | S4 not (ginter.inv.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/11 15:44 |

EAST Search History

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|-----|-----|---|---|----|----|------------------|
| S6 | 14 | S3 not S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/09 12:34 |
| S7 | 706 | (document with identifier\$1) same field | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/09 12:34 |
| S8 | 230 | S7 and (list same (document with (content or element or part or segment or portion))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/11 15:39 |
| S9 | 0 | S8 and (hash with function) same list | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/09 12:36 |
| S10 | 0 | S8 and ((hash with function) same list) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/09 12:36 |
| S11 | 0 | S8 and ((hash with function) same (document with (content or element or part or segment or portion))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/09 12:37 |
| S12 | 9 | S8 and ((hash with function) same (content or element or part or segment or portion)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/09 12:39 |
| S13 | 221 | S8 not S12 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/09 12:39 |

EAST Search History

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|-----|-----|--|---|----|----|------------------|
| S14 | 99 | S13 and (identifier with record\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/09 12:39 |
| S15 | 92 | S14 and (field with identifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/09 12:40 |
| S16 | 68 | S15 not S4 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/09 12:41 |
| S17 | 42 | S16 and "document identifier" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/09 12:41 |
| S18 | 708 | (document with identifier\$1) same field | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/11 16:27 |
| S19 | 230 | S18 and (list same (document with (content or element or part or segment or portion))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/11 15:40 |
| S20 | 122 | S19 and (extract\$3 with document) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/11 15:40 |
| S21 | 87 | S20 and (classif\$3 or categor\$7) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/11 15:40 |

EAST Search History

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|-----|-----|---|---|----|----|------------------|
| S22 | 31 | S21 and (hash with (function or value)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/11 15:41 |
| S23 | 60 | S21 and (number with list) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/11 15:41 |
| S24 | 8 | S22 not (ginter.inv.) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/11 15:48 |
| S26 | 33 | S23 not S22 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/11 15:48 |
| S28 | 688 | (document with identifier\$1) and (extract\$3 with document) same (element or word or part) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/13 12:03 |
| S29 | 187 | S28 and ((classif\$6 or categor\$6 or cluster\$3) with (word or element or part)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/11 16:30 |
| S30 | 119 | S29 and (list with (word or part or element) same document) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/11 16:30 |
| S31 | 16 | S30 and (hash with function) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/11 16:44 |

EAST Search History

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|-----|------|--|---|----|-----|------------------|
| S32 | 103 | S30 not S31 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/11 16:44 |
| S33 | 36 | S32 and (extract with (word or element or part) same document) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/11 16:45 |
| S34 | 1032 | ("document identifier") and ((extract\$3 with element or word or part) same document) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/13 12:05 |
| S35 | 85 | database with record same "document identifier" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/13 12:06 |
| S36 | 23 | S35 and (record with (word or term or element or part) same document) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/13 12:31 |
| S37 | 8 | (hash with function) and S35 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/13 12:30 |
| S39 | 112 | (hash with function) and (record with (word or term or element or part) same document) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/13 12:31 |
| S40 | 10 | S39 and (record with "document identifier") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/13 12:31 |
| S41 | 5 | ((("5745900") or ("6119124") or ("6240409") or ("6263348") or ("6505160")).PN. | USPAT; USOCR | OR | OFF | 2006/01/13 16:11 |

EAST Search History

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|-----|------|---|---|----|----|------------------|
| S42 | 147 | ((close\$2 or near\$2) with duplicat\$3) same document | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/13 16:13 |
| S43 | 7588 | ((close\$2 or near\$2) with duplicat\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/13 16:30 |
| S44 | 7588 | S42 or S43 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/13 16:13 |
| S45 | 193 | S44 and (filter\$3 with result) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/13 16:14 |
| S46 | 8 | S45 and (compar\$3 with cluster) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/13 16:18 |
| S47 | 15 | (compar\$3 with "cluster identifier") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/13 16:18 |
| S48 | 1 | ((close\$2 or near\$2) with duplicat\$3) and "cluster identifier" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/13 16:31 |
| S49 | 46 | duplicat\$3 and "cluster identifier" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/13 16:31 |

EAST Search History

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|-----|------|--|---|----|-----|------------------|
| S50 | 3 | S49 and ((remov\$3 or delet\$3) with duplicate\$1) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/13 16:32 |
| S51 | 43 | S49 not S50 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/13 16:43 |
| S52 | 1 | ("6119124").PN. | USPAT; USOCR | OR | OFF | 2006/01/13 16:43 |
| S53 | 1 | S52 and cluster | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/13 16:46 |
| S54 | 0 | S52 and cluster same identifier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/13 16:47 |
| S55 | 0 | S52 and identifier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/13 17:04 |
| S56 | 48 | document with ((near\$2 or close) with duplicate) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/13 17:04 |
| S57 | 10 | S56 and fingerprint | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/13 17:05 |
| S58 | 3927 | generat\$3 with fingerprints | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 15:49 |

EAST Search History

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|-----|------|--|---|----|----|------------------|
| S59 | 5 | S58 and (((near\$2 or close\$2) with duplicate) same (document or object or file)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 15:52 |
| S60 | 5 | S58 and (((near\$2 or close\$2 or almost) with duplicate) same (document or object or file)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/01/19 15:52 |
| S61 | 2115 | (similar\$4 with documents) and (filter\$3 with (results or documents)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 18:38 |
| S62 | 0 | S61 and (compar\$3 with cluster with identifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/03 19:06 |
| S63 | 0 | S61 and (compar\$3 same cluster with identifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/03 19:07 |
| S64 | 9 | S61 and (cluster with identifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/03 19:07 |
| S65 | 47 | compar\$3 with cluster with identifiers | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 18:42 |
| S66 | 0 | S65 and ((similar\$4 with documents) and (filter\$3 with (results or documents))) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 18:39 |

EAST Search History

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|-----|------|--|---|----|----|------------------|
| S67 | 1 | S65 and ((similar\$4 or near\$duplicate) with documents) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 18:40 |
| S68 | 5 | S65 and ((similar\$4 or near\$duplicate) with result) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/04 18:40 |
| S69 | 32 | compar\$3 with cluster near2 identifiers | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 12:24 |
| S70 | 4 | compar\$3 near cluster near2 identifiers | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 12:34 |
| S71 | 4 | compar\$3 adj cluster near2 identifiers | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 12:35 |
| S72 | 16 | compar\$3 with "cluster identifiers" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 13:06 |
| S73 | 1112 | filter with search with result | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 13:07 |
| S74 | 0 | S73 and (compar\$3 with "cluster identifier") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 13:07 |

EAST Search History

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|-----|-------|--|---|----|----|------------------|
| S75 | 0 | S73 and (compar\$3 with identifier same cluster) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 13:08 |
| S76 | 0 | S73 and (compar\$3 same identifier same cluster) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 13:09 |
| S77 | 64950 | (plurality or multiple) with records | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 13:10 |
| S78 | 59 | (field with record\$1 same "document identifier") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 13:11 |
| S79 | 34 | S78 and ((extract\$3 or pars\$3) with document same (list or column)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 15:31 |
| S80 | 1 | S79 and (hash\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 13:14 |
| S81 | 169 | records same ((extract\$3 or pars\$3) with document same (list or column)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 16:29 |
| S82 | 23 | S81 and hash\$3 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 15:32 |

EAST Search History

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|-----|-----|--|---|----|----|------------------|
| S83 | 127 | records same ((extract\$3 or pars\$3) with document same list) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 16:49 |
| S84 | 60 | S83 and (document with element) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 16:30 |
| S85 | 34 | S84 and (lists with elements) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 16:31 |
| S86 | 45 | S83 and (document with identifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 16:55 |
| S87 | 10 | S83 and (document with identifier) same field | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 17:05 |
| S88 | 35 | S86 not S87 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 17:02 |
| S89 | 593 | lists with (terms words sentences characters paragraphs sections) with document same (extract\$3 or pars\$3) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 17:04 |
| S90 | 408 | lists with (terms words sentences characters paragraphs sections) with (document same (extract\$3 or pars\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 17:38 |

EAST Search History

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|-----|-----|--|---|----|----|------------------|
| S91 | 1 | S90 and (document with identifier) with field same record | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 17:35 |
| S92 | 5 | S90 and (document with identifier) with field | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 17:29 |
| S93 | 96 | S90 and (document with identifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 17:35 |
| S94 | 1 | S90 and (document with identifier) same (field with record) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 17:35 |
| S95 | 2 | S90 and (document with identifier) same (field same record) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 17:39 |
| S96 | 152 | columns with (terms words sentences characters paragraphs sections) with (document same (extract\$3 or pars\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 19:08 |
| S97 | 2 | S96 and (document with identifier) same (field same record) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 17:41 |
| S98 | 4 | S96 and (document with identifier) same field | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 18:03 |

EAST Search History

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|----------|------|--|---|----|----|------------------|
| S99 | 32 | S96 and (document with identifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 17:42 |
| S10 0 | 28 | S99 not S98 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 17:42 |
| S10 1 | 2322 | columns with ((extract\$3 or pars\$3) with (terms words sentences characters paragraphs sections)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 18:12 |
| S10 2 | 5 | S101 and (document with identifier) same field | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 18:04 |
| S10 3 | 2317 | S101 not S102 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 18:04 |
| S10 4 | 24 | S103 and (document with identifier) same column | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 18:05 |
| S10 5 | 2293 | S103 not S104 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 18:05 |
| S10 6 | 19 | S105 and (document with identifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 18:06 |

EAST Search History

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|----------|----|--|---|----|----|------------------|
| S10 7 | 60 | columns near4 ((extract\$3 or pars\$3) near3 (terms words sentences characters paragraphs sections)) same document | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 18:13 |
| S10 8 | 54 | columns near4 ((extract\$3 or pars\$3) near2 (terms words sentences characters paragraphs sections)) same document | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 18:14 |
| S10 9 | 30 | columns near3 ((extract\$3 or pars\$3) near2 (terms words sentences characters paragraphs sections)) same document | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 18:15 |
| S11 0 | 2 | S109 and (document with identifier) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 18:14 |
| S11 1 | 18 | columns near4 ((extract\$3 or pars\$3) near2 (terms words sentences characters paragraphs sections)) same document same identifier | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 18:16 |
| S11 2 | 30 | S109 not S111 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 18:20 |
| S11 3 | 90 | record with (document with identifier) with (terms words sentences characters paragraphs sections) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 18:31 |
| S11 4 | 4 | S113 and (field with "document identifier") | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 18:22 |

EAST Search History

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| S11 5 | 44 | S113 and field with (terms words sentences characters paragraphs sections) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 18:25 |
| S11 6 | 46 | S113 not S115 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 19:06 |
| S11 7 | 11 | hash\$3 near3 (terms words sentences characters paragraphs sections) with (document same (extract\$3 or pars\$3)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/10/11 19:11 |
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G. Salton, A. Wong

December 1978 **ACM Transactions on Database Systems (TODS)**, Volume 3

4

Publisher: ACM PressFull text available: pdf(1.78
MB)Additional Information: [full citation](#), [abstract](#), [references](#),
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A classified, or clustered file is one where related, or similar records are grouped into classes, or clusters of items in such a way that all items within a cluster are jointly retrievable. Clustered files are easily adapted to broad and narrow search strategies, and simple file updating methods are available. An inexpensive file clustering method applicable to large files is given together with appropriate search methods. An abstract model is then introduced to predict the retrieval

Keywords: automatic classification, cluster searching, clustered files, fast classification, file organization, probabilistic models

2 [Status report of the graphic standards planning committee](#)

Computer Graphics staff

August 1979 **ACM SIGGRAPH Computer Graphics**, Volume 13 Issue 3**Publisher:** ACM PressFull text available: pdf(15.01
MB)Additional Information: [full citation](#), [references](#), [citations](#)3 [Intersecting solids on a massively parallel processor](#)

Michael Karasick, David Strip

January 1995 **ACM Transactions on Graphics (TOG)**, Volume 14 Issue 1

Publisher: ACM PressFull text available:  pdf(2.36 MB)Additional Information: [full citation](#), [abstract](#), [references](#), [terms](#), [review](#)

Solid modeling underlies many technologies that are key to modern manufacturing. These range from CAD systems to robot simulators, from finite-element analysis to integrated circuit process modeling. The accuracy, and hence the utility, of these models is often constrained by the amount of computer time required to perform the desired operations. In this paper we present, in detail, an efficient algorithm for parallel intersections of solids using the Connection Machine, a massively parallel ...


Keywords: CAGD, grid data, hierarchical descriptions, spline surfaces, tensor product

4 [HyPursuit: a hierarchical network search engine that exploits content-link hypertext clustering](#)




Ron Weiss, Bienvenido Vélez, Mark A. Sheldon

March 1996 **Proceedings of the the seventh ACM conference on Hypertext
HYPERTEXT '96**

Publisher: ACM PressFull text available:  pdf(2.00 MB)Additional Information: [full citation](#), [references](#), [citations](#), [index terms](#)

5 [A hybrid handover protocol for local area wireless ATM networks](#)

Chai-Keong Toh

December 1996 **Mobile Networks and Applications**, Volume 1 Issue 3**Publisher:** Kluwer Academic PublishersFull text available:  pdf(960.44 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)


While handovers of voice calls in a wide area mobile environment are well understood, handovers of multi-media traffic in a local area mobile environment are still in its early stage of investigation. Unlike the public wireless networks, handovers for multi-media Wireless LANs (WLANs) have special requirements: this paper, the problems and challenges faced in a multi-media WLAN environment are outlined and a multi-tier wireless cell clustering architecture is introduced. Design issues for ...

6 [Posters: Clustering short texts using wikipedia](#)



Somnath Banerjee, Krishnan Ramanathan, Ajay Gupta

July 2007 **Proceedings of the 30th annual international ACM SIGIR conference on Research and development in information retrieval SIGIR '07**

Publisher: ACM PressFull text available:  pdf(234.85 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [terms](#)

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Keywords: Wikipedia, clustering, feed reader

7 [Clustering transactions using large items](#)



Ke Wang, Chu Xu, Bing Liu

November 1999 **Proceedings of the eighth international conference on Information and knowledge management CIKM '99**

Publisher: ACM Press

Full text available: [pdf\(928.33 KB\)](#) Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

In traditional data clustering, similarity of a cluster of objects is measured by pairwise similarity of objects in that cluster. We argue that such measures are appropriate for transactions that are sets of items. We propose the notion of items, i.e., items contained in some minimum fraction of transactions in a cluster to measure the similarity of a cluster of transactions. The intuition of our clustering criterion is that there should be many large items within ...

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